Specifications — CVDA 6 EQ MX Distribution Amplifier

Video

Equalization	0dB to +4dB (over a 0.5 MHz to 8 MHz range)
Gain	-6dB to +6dB
Bandwidth	30 MHz (<±0.5dB)
Differential phase error	1º at 3.58 MHz
Differential gain error	0.05% at 3.58 MHz
Crosstalk	<-50dB at 3.58 MHz

Video input

Number/signal type	1 NTSC, PAL, SECAM composite video
Connectors	1 BNC female
Nominal level	1V p-p for composite video
Minimum/maximum levels	Analog: 0.4V to 2.0V p-p with no offset at unity gain
Impedance	75 ohms
Return loss	<-40dB minimum, 0 to 10 MHz
Maximum DC offset	1.0V

Video output

Number/signal type	7 composite video .... 6 amplified for distribution 1 buffered loop-through
Connectors	7 BNC female
Nominal level	1V p-p for composite video
Minimum/maximum levels	0.4V to 2.0V p-p
Impedance	75 ohms
DC offset	±20mV maximum with input at 0 offset

Sync

Standards	NTSC 3.58, NTSC 4.43, PAL, SECAM

General

Power	100VAC to 240VAC, 50/60 Hz, 12 watts, internal, autoswitchable
Temperature/humidity	Storage -40° to +158°F (-40° to +70°C) / 10% to 90%, non-condensing Operating +32° to +122°F (0° to +50°C) / 10% to 90%, non-condensing
Rack mount	Yes, with optional 1U rack shelf, part #60-190-01
Enclosure type	Metal
Enclosure dimensions	1.6" H x 8.7" W x 9.4" D (1U high, half rack width) 4.1 cm H x 22.1 cm W x 23.9 cm D (Depth excludes connectors.)
Product weight	2.9 lbs (1.3 kg)
Shipping weight	5 lbs (2.3 kg)
Vibration	ISTA/NSTA 1A in carton (International Safe Transit Association)
Listings	UL, CUL
Compliances	CE, FCC Class A
MTBF	30,000 hours
Warranty	3 years parts and labor

NOTE *Specifications are subject to change without notice.*

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